



Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-10 (canceled)

Claim 11 (original): A permanent magnet motor assembly, comprising:

a stator including a coil and having a cut-out section in which the coil is received and suspended;

a rotor having an end proximate the stator, and including a first rotor section and a second rotor section rotating about an axis, wherein the coil is positioned between the first and second rotor sections;

a magnet having a proximal end near the stator and positioned lengthwise along the second rotor section to thereby rotate about the coil; and

a shield covering the proximal end of the magnet to reduce magnetic field leakage between the proximal end of the magnet and the stator.

Claim 12 (original): The permanent magnet motor assembly of claim 11, wherein the shield is made of magnetic steel.

Claim 13 (original): The permanent magnet motor assembly of claim 11, wherein the shield comprises a cup extending around the proximal end of the magnet and against the rotor.

Claim 14 (original): The permanent magnet motor assembly of claim 11, wherein the shield comprises a snap-fit ring.

Claim 15 (original): The permanent magnet motor assembly of claim 14, wherein the snap-fit ring is made of spring steel.

Claim 16 (original): A permanent magnet motor assembly, comprising:

- a stator including a coil and having a cut-out section in which the coil is received and suspended;

- a rotor having an end proximate the stator, and including a first rotor section and a second rotor section rotating about an axis, wherein the coil is positioned between the first and second rotor sections;

- a plurality of magnets, each magnet having a proximal end near the stator and positioned lengthwise along the second rotor section to thereby rotate about the coil; and

- a shield covering the proximal end of each magnet to reduce magnetic field leakage between the proximal end of each magnet and the stator.

Claims 17-27 (canceled)

Claim 28 (previously presented): A permanent magnet motor assembly, comprising:

- a stator;

- a rotor having an end proximate the stator, the rotor rotating about an axis;

- a magnet positioned along a length of the rotor and having a proximal end positioned near the stator; and

- a shield covering the proximal end of the magnet to reduce magnetic field leakage between the proximal end of the magnet and the stator, wherein the shield comprises a cup extending around the proximal end of the magnet and against the rotor.

Claim 29 (previously presented): The permanent magnet motor assembly of claim 28, wherein the rotor includes a first rotor section and a second rotor section, the first rotor section being positioned radially inside the second rotor section relative to the axis.

Claim 30 (previously presented): The permanent magnet motor assembly of claim 29, wherein the magnet is attached to the second rotor section.

Claim 31 (previously presented): A permanent magnet motor assembly, comprising:

a stator;

a rotor having an end proximate the stator, the rotor rotating about an axis;

a magnet positioned along a length of the rotor and having a proximal end positioned near the stator; and

a shield covering the proximal end of the magnet to reduce magnetic field leakage between the proximal end of the magnet and the stator, wherein the shield comprises a snap-fit ring.

Claim 32 (previously presented): The permanent magnet motor assembly of claim 31, wherein the snap-fit ring is made of spring steel.

Claim 33 (previously presented): The permanent magnet motor assembly of claim 31, wherein the rotor includes a first rotor section and a second rotor section, the first rotor section being positioned radially inside the second rotor section relative to the axis.

Claim 34 (previously presented): The permanent magnet motor assembly of claim 33, wherein the magnet is attached to the second rotor section.

Claims 35-36 (canceled)